
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Southern Agricultural Insecticides, Inc.

Product Name: Lindane 20% / Lindane Borer and Lawn Spray (DISCONTINUED)

**LINDANE BORER & LAWN SPRAY
LINDANE 20%
MATERIAL SAFETY DATA SHEET**

Manufacturer's Name & Address

Southern Agricultural Insecticides, Inc.
PO Box 218, Palmetto, FL 34220

Phone: 941-722-3285
Chemtrec: 800-424-9300

I NOMENCLATURE

Trade Names	LINDANE 20% LINDANE BORER and LAWN SPRAY	EPA Reg. No. 19713-308 EPA Reg. No. 19713-318
Chemical Name:	Lindane (Gamma Isomer of Benzene Hexachloride)	
Formula:	$C_6H_6Cl_6$	
Chemical Family:	Chlorinated Hydrocarbons (Insecticide)	

II INGREDIENTS

	CAS No.	nominal %	OSHA PEL	ACGIH TLV	Subpart Z
Lindane (Gamma Isomer)	58-89-9	20.44	0.5 mg/m ³ (skin)	0.5 mg/m ³	listed
Xylene Range Aromatic	1330-20-7	65.10	435 mg/m ³	434 mg/m ³	listed
Cyclohexanone	108-94-1	11.45	200 mg/m ³	100 mg/m ³	listed
Inert Ingredients	N/A	3.00		Not Hazardous	

III PHYSICAL DATA

Boiling Point: >212°F	Density: 8.2 lb/gal
Vapor Pressure: 0.03 mm Hg (Tech)	% Volatile: N/A
Vapor Density: N.K.	pH: Neutral
Solubility in Water: Miscible	
Appearance/Odor: Brown liquid with solvent odor.	

IV FIRE AND EXPLOSION DATA

Flash Point: >100°F

Extinguishing Media: Foam, halon, dry chemical, carbon dioxide. Water may not be effective.

Fire Fighting Procedures: Use self contained breathing apparatus and full protective equipment. Stay upwind.

V REACTIVITY

Stability: Stable.

Conditions to Avoid: Exposure to high heat, strong alkalis.

Incompatibility: Excessive heat, strong alkalis and powdered metals, i.e. Iron, Aluminum, Zinc.

Hazardous Decomposition Products: Hydrogen Chloride Gas, Phosgene, Oxides of Carbon.

Hazardous Polymerization: Will not occur.

VI HEALTH HAZARD DATA

CARCINOGENICITY: (IARC Group 2-B)

Toxicity Data: Oral LD₅₀ (Rat) = 76 mg/kg (Tech) Dermal LD₅₀ (Rabbit) = 50 mg/kg (Tech)

N.F.P.A.: Health 2, Fire 2, Reactivity 0

(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-insignificant)

Effects of Overexposure: Central nervous system stimulant, dyspnea, cyanosis, headache, nausea, irritation to respiratory tract.

**LINDANE BORER & LAWN SPRAY
LINDANE 20%
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VII FIRST AID

First Aid for Skin Contact: Flush with plenty of soap and water. Seek medical attention. Assure clothing is laundered before reuse.

First Aid for Eye Contact: Flush eyes with a gentle stream of clean water for at least 15 minutes. Hold eye lids apart to ensure washing underside of lids. Remove contact lenses while rinsing. Seek medical attention.

First Aid for Inhalation: Remove victim to fresh air. Treat symptomatically and supportively. Seek medical attention immediately.

First Aid for Ingestion: Remove by giving syrup of IPECAC. Do not give anything by mouth to an unconscious or convulsing person. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Seek medical attention immediately.

VIII SPILL OR LEAK PROCEDURES

Steps to be taken in case of spill: Contain spill and pick up with absorbent clay or material. Prevent any runoff from entering waterways. Assure protective clothing is worn.

Waste Disposal Method: Dispose of in accordance with Local, Federal and State Regulations.

IX SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH Approved organochlorine pesticide respirator.

Ventilation: Local exhaust.

Protective Gloves: Rubber impervious.

Eye Protection: Chemical goggles should be worn.

Other Protective Equipment: Rubber safety shoes, coveralls, long-sleeve shirt. Washables should be laundered separately from household laundry.

X SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage: KEEP OUT OF REACH OF CHILDREN. Follow the label directions carefully. Store in a safe, cool, dry, well ventilated place away from heat. Store separately from feed or foodstuffs. Wear protective equipment to avoid contact.

Domestic: Keep away from foodstuffs.

International: Poison

XI TRANSPORTATION & SELECTED REGULATORY INFORMATION

D.O.T. Description: Organochlorine Pesticides, Liquid, Toxic, Flammable, (Lindane/Xylene), 6.1, UN-2955, PG-111, Marine Pollutant, RQ 1 Lb.

Freight Description: insecticide, O/T Poison NMFC 102120.

Reportable Quantity: 1 Lb. **E.R.G. Guide Sheet No:** 131

The information presented herein for consideration, while not guaranteed, is true and accurate to the best of Southern Agricultural Insecticide, Inc.'s knowledge. No warranty, or guaranty is expressed or implied regarding the accuracy or reliability of such information and Southern Agricultural Insecticide, Inc. shall not be liable for any loss or consequential damages arising out of the use thereof.

Ref.: MSDS Lindane 20% Drexel Chemical Co. 10/97 29 CFR 1910/1000 ,1995
40 CFR part 302.4 1995 49 CFR parts 171-172-173 1997

40 CFR part 355 1995